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bstitute for form 1449A/PTO	Comple	ete if Known
. 10 ~	Application Number	10/800,274
INFORMATION DISCLOSURE ON PE	Filing Date	March 12, 2004
STATEMENT BY APPLICANT	First Named Inventor	J. Stuart Cumming
AUG 0 3 2004	Group Art Unit	3738
(use as many sheets as necessary	Examiner Name	not yet assigned
Sheet 1 of te 1	Attorney Docket Number	13533.4041 US

				U.S. PATENT DOCUMEN	TS	
		U.S. Patent	Document		Date of Publications of	Pages, Columns, Lines, Where Relevant Passages or Relevant
Examiner Initials	Cite No. <sup>1</sup>	Number	. Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Cited Documents MM-DD-YYYY	Figures Appear
9h	1	4,159,546	A	Shearing	07/03/1979	
	2	4,409,690	A	Gess	10/18/1983	
	3	4,409,691	A	Levy	10/18/1983	2
	4	4,657,546	A	Shearing	04/14/1987	
	5	4,704,123	A	Smith	11/03/1987	
	6	4,743,254	A	Davenport	05/10/1988	
	7	4,892,543	A	Turley	01/09/1990	
	8	5,180,390	A	Drews	01/19/1993	
19	9	5,919,230	A	Sambursky	07/05/1999	
ge	10	6,451,056	Α	Cumming	09/1/2002	

				F	OREIGN PATENT DOCUMENT	S		
		For	eign Patent Docu	ment			Pages, Columns, Lines,	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code⁵	Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T°
ju	11	EP	0 375 176	A1	Haworth	06/1990		
Bue	12	RU	2034522	Cl	Shurkin	05/1995		
·<	13	-FR	2728459	-A1	Guilbert et al.	06/1996		-

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T				

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	Examiner	DOCSOC1:1522173	Date	3-21-07
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		1	, 2002,	Application Number	10/800,274
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Sheet	1	of	1	Attorney Docket Number	13533.4041

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Z	1	2003/065387	Al	Callahan	04-93-2003	-	
97	2	2004/039446	Al	McNicholas	02-26-2004		
19C)	3	6551354	Bi	Ghazizadeh	04-22-2003		
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Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>							
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	1	2003/065387	Code <sup>2</sup>	Callahan	04-03-2003	
	2	2004/039446	Al	McNicholas	02-26-2004	
	3	6551354	B1	Ghazizadeh	04-22-2003	
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		Office	Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant of Cited Document		Date of Publications of Cited Documents MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T⁵
	4		WO01/89425	Α	Cumming		11-29-2001		
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